- 3. A friction material according to Claim 2, wherein the fibres are chosen from the group consisting of glass, wool, cotton, ceramic, polyacrylonitrile, preoxidized polyacrylonitrile and aramid.
- 4. A friction material according to Claim 3, wherein fillers in powder form are incorporated into the mat.
- 5. A friction material according to Claim 4, wherein said fillers in powder form are selected from the group consisting of copper, rockwool, carbon, zirconium silicate, iron sulphide, alumina, rubber and diatoms.
- 6. A friction material according to Claim 4, wherein fillers in the form of pulps are incorporated into the mat.
- 7. A friction material according to Claim 6, wherein said pulps are selected from the group consisting of the pulps of glass, aramid, acrylic and phenolic fibres.
- 9. Times Amended) A friction material according to Claim 1, wherein the thermosetting resin is resol-based.
- 10. (Two Times Amended) A friction material according to Claim 1, wherein latex is added to the thermosetting resin.
- 11. (Three Times Amended) A friction material according to Claim 1, wherein fillers in powder form are incorporated into the thermosetting resin, wherein said fillers in powder form are selected from the group consisting of copper, rockwool, earbon, zirconium silicate, iron sulphide, alumina, rubber and diatoms.
- 25. A friction material according to Claim 5, wherein fillers in the form of pulps are incorporated into the mat.

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28. (Amended) A friction material according to Claim 1, wherein the polar solvent is an aqueous polar solvent.

33. (New) A friction material for a device employing friction in a liquid medium, the friction material comprising a mat of non-woven fibres impregnated with a thermosetting resin, wherein the friction material comprises by weight

approximately 20% to 40% fibres selected from the group consisting of glass, wool, cotton, ceramic, polyacrylonitrile, preoxidized polyacrylonitrile and aramid; and approximately 40% to 60% thermosetting resin selected from the group consisting of water-based resins, resol-based resins, phenolic plastic resins, aminoaldehyde resins, epoxy resins and polyimide resins.

34. (New) The friction material according to Claim 33 wherein the fibres have an average length of between approximately 12 mm and 120 mm.

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35. (New) The friction material according to Claim 33 that is by weight approximately 20% glass fibres, 10% ceramic fibres, 10% polyacrylonitrile fibres, and 60% water-based resin.

36. (New) The friction material according to Claim 33 that is by weight approximately 30% cotton fibres, 10% ceramic fibres, and 60% water-based resin.

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37. (New) The friction material according to Claim 33 wherein the mat further includes fillers selected from the group consisting of copper, rockwool, carbon, zirconium silicate, iron sulphide, alumina, rubber, diatoms, glass, aramid, acrylic and phenolic fibres.

38. (New) The friction material according to Claim 37 that is by weight approximately 20% glass fibres, 10% ceramic fibres, 10% polyacrylonitrile fibres, 10% carbon, 10% coke, and 40% resolbased resin.

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39. (New) The friction material according to Claim 37 that is by weight approximately 20% glass fibres, 10% ceramic fibres, 10% polyacrylonitrile fibres, 10% copper, 10% rockwool, and 40% resol-based resin.

REMARKS

Claims 1-7, 9-18, 20, 22-25, and 27-39 are pending upon entry of this amendment. Claims 12-18, 20, 22-24, 27, and 29-32 are withdrawn from consideration.

Claims 1-7, 9-11, 25, and 28 were rejected.

Claims 1, 9, 10, 11, and 28 are amended herein.

New Claims 33-39 are added herein.

Claims 1 and 33 are independent claims.

Attached hereto is a marked-up version of the changes made to the claims by the amendment. The attached pages are captioned "MARKED CLAIMS TO SHOW CHANGES MADE."

Preliminary Amendments to Claims

Claim 11 has been amended to its form prior to the amendment of June 12, 2000. That amendment to Claim 11, which was made at the suggestion of the Office, resulted in claim 11 being duplicative of claim 5. Therefore, claim 11 has been restored to its original form. Accordingly, no new matter has been added by this amendment.

Claims 9, 10, and 28 have been amended to correct claim dependency. By amendment of June 12, 2000, the substance of claim 8 was incorporated into claim 1. However, claims 9, 10, and 28 were not correspondingly amended to depend from claim 1. Thus, such amendment is made herein.